

EXHIBIT #5

**Group 4 – Google’s Responsive Claim Construction Brief
(Civil Case Nos. 6:20-cv-00572-ADA, 6:20-cv-00581-ADA, and 6:20-cv-00582-ADA)**

DICTIONARY OF COMPUTING

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trace

360

transaction

trace *noun* method of verifying that a program is functioning correctly, in which the current status and contents of the registers and variables used are displayed after each instruction step; **trace program** = diagnostic program which executes a program that is being debugged, one instruction at a time, displaying the states and registers; **trace trap** = selective breakpoint where a tracing program stops, allowing registers to be examined

traceroute software utility that finds and displays the route taken for data travelling between your computer and a distant server on the Internet

COMMENT: The display shows the different servers that your data travels through, together with the time taken to travel between each server (called a hop). Traceroute works by sending out a time-to-live (TTL) query data packet to the distant server; it starts by sending out packets with a very low time-to-live, then gradually increasing the length of time that the packet can survive until one is returned by the host - this then provides the lowest time it will take to reach the host. Windows includes a traceroute utility: 'tracert'.

tracing *noun* function of a graphics program that takes a bitmap image and processes it to find the edges of the shapes and so convert these into a vector line image that can be more easily manipulated

track 1 *noun* one of a series of thin concentric rings on a magnetic disk or thin lines on a tape, which the read/write head accesses and along which the data is stored in separate sectors; **address track** = track on a magnetic disk containing the address of files, etc., stored on the other tracks; **track address** = location of a particular track on a magnetic disk; **tracks per inch (TPI)** = number of concentric data tracks on a disk surface per inch **2 verb** to follow a path or track correctly; *the read head is not tracking the recorded track correctly; the video tape player head is out of alignment and the tracking is wrong*

COMMENT: the first track on a tape is along the edge and the tape may have up to nine different tracks on it, while a disk has many concentric tracks around

the central hub; the track and sector addresses are set-up during formatting

trackball *noun* device used to move a cursor on-screen, which is controlled by turning a ball contained in a case

tracks, minutes, seconds, frames
see TMSF TIME FORMAT

tractor feed *noun* method of feeding paper into a printer, where sprocket wheels on the printer connect with the sprocket holes on either edge of the paper to pull the paper through

QUOTE: the printer is fairly standard with both tractor and cut sheet feed system

Which PC?

traffic *noun* term covering all the messages and other signals processed by a system or carried by a communications link; *our Ethernet network begins to slow down if the traffic reaches 60 per cent of the bandwidth*; incoming traffic = data and messages received; traffic analysis = study of the times, types and quantities of messages and signals being processed by a system; **traffic density** = number of messages and data transmitted over a network or system in a period of time; **traffic intensity** = ratio of messages entering a queue against those leaving the queue within a certain time

trail *noun* line followed by something; **audit trail** = recording details of the use made of a system by noting transactions carried out (used for checking on illegal use or malfunction)

trailer *noun* final byte of a file containing control or file characteristics; **trailer record** = last record in a file containing control or file characteristics

transaction *noun* one single action which affects a database (a sale, a change of address, a new customer, etc.); **transaction-driven system (TDS)** = computer system that will normally run batch processing tasks until interrupted by a new transaction, at which point it allocates resources to the transaction; **transaction file or change file or detail file or movement file** = file containing recent changes or transactions to records which is then used to update a master file; **transaction**